

Patent claims

1. Intervertebral disc prosthesis with two cover
5 plates and a prosthesis core (5) which is
connected to one of the cover plates (1) by means
of connection profiles (8, 8', 14, 14') which are
undercut in a complementary manner, characterized
in that the connection profiles (8, 8', 14, 14')
10 include at least one pair of profile sections (9,
16) which are symmetrical with respect to the AP
direction (10) and are arranged at an angle to one
another.
- 15 2. Intervertebral disc prosthesis according to Claim
1, characterized in that the profile sections (9,
16) arranged at an angle to one another run in a
substantially straight line.
- 20 3. Intervertebral disc prosthesis according to Claim
1 or 2, characterized in that the profile sections
(9, 16) arranged at an angle to one another are
arranged on the dorsal side and are held in
engagement by means (11, 18) arranged on the
25 ventral side.
4. Intervertebral disc prosthesis according to Claim
3, characterized in that the profile sections (9,
16) arranged on the dorsal side are provided in
30 addition to a pair of laterally arranged profile
sections (7').
5. Intervertebral disc prosthesis according to Claim
1 or 2, characterized in that the angle (α)
35 between the profile sections (9, 16) arranged at
an angle to one another is not greater than 150°.